

ABSTRACT

5 A filter device that suppresses electromagnetic
interference generated in an alternating current circuit
connected to a power converter with an alternating
current output. This filter device includes: a common
mode choke connected to between any one terminal at an
input side, an output side, or a direct current link of
the power converter and input terminals of the
10 alternating current circuit; and a connecting means that
connects an outgoing line from a neutral point of the
alternating current circuit to a reference potential
point having little potential variation at an upstream of
the common mode choke.